

IN THE ABSTRACT:

Replace the abstract with the following:

- - - A superconducting motor includes a stator assembly having stator windings forming a stator cavity. A rotor assembly having rotor windings is mounted to rotate within the stator cavity. The rotor assembly includes a bonded joint assembly co-axially connecting members formed of dissimilar materials. One of the materials is thermal insulator and serves to thermally insulate the
5 rotor windings which are cooled to a cryogenic temperature. - - -